



The EIZO EV2336W

23" LCD monitor with 16:9 aspect ratio and LED technology

The 23-inch EV2336W display impresses through superior image quality. The wide viewing angle and anti-glare surface provided by the IPS LCD module are particularly enticing, ensuring a crystal-clear view at all times. This is especially welcome for a widescreen aspect ratio of 16:9. With 1080 lines, this display provides plenty more image height than a conventional 19-inch LCD display, and even more importantly, about 1.5 times the width. This is great for office work, especially when it involves opening lots of different windows. Maximum ergonomics and power savings are ensured by Auto EcoView, EcoView Optimizer and EcoView Sense. These useful functions provide automatic on/off switching as well as continuous brightness adjustment. A sophisticated backlighting system based on economical yet bright LED technology further enhances the viewing experience.

- ♦ Full HD display with IPS LCD and a compact, space-saving design
- ♦ Contrast 1000:1, brightness 250 cd/m², 178° viewing angle
- ♦ 6 ms grey-to-grey changeover time thanks to Overdrive function
- ♦ Auto EcoView, EcoView Index, EcoView Sense and EcoView Optimizer for maximum power savings and superb ergonomics
- ♦ Integrated speakers and headphone jack
- ♦ USB hub with one upstream and two downstream ports
- ♦ DisplayPort, DVI-D and D-Sub inputs for digital and analogue connections



EIZO EV2336W

Features

Compact, space-saving design

The sophisticated LCD module has a very narrow border and is designed for an extremely compact housing. The border around the image is no more than 16 mm. Power supply and signal interfaces are unobtrusively integrated into the unit.

Outstanding image quality

A resolution of 1920 x 1080 pixels, a contrast ratio of 1000:1 and brightness of 250 cd/m² all ensure first-class image quality with clear graphics and structures as well as sharp text contours. No matter if you're sitting directly in front of the display or at an angle, the entire screen complete with all corners always has superb colour and greyscale contrast.

Economical and environmentally-friendly

The mercury-free backlight with efficient but bright, white LEDs is a particularly impressive feature of the EV2336W. It requires just 16 watts in regular use. This reduces energy costs as well as CO₂ emissions.

Auto EcoView

The EcoView sensor measures the light in the environment and automatically adjusts the display brightness accordingly. The image brightness is stronger in the case of bright illumination and it is reduced in the dark. It is also possible to control the brightness manually. The user can freely determine minimum and maximum image brightness. The EcoView index indicates how environmentally-friendly each setting is. Auto EcoView is activated simply by pressing a button.

EcoView Sense

When it comes to power savings, the EV2336W excels thanks its EcoView Sense function. It switches the display on or off entirely automatically depending on whether the user is present or not in front of the screen. EcoView Sense detects the user's return even before the keyboard or mouse are touched. This means the display is always ready for operation, yet it does not waste any power while the user is away.

EcoView Optimizer

EcoView Optimizer analyses and responds to the white portion of the image content to control the display backlight. When the displayed content is dark, the light emission is reduced so that power consumption is lowered by up to 30%. The image brightness defined by the user is nevertheless maintained at all times, as EcoView Optimizer also controls the hue values.

Eco Timer EIZO uses two methods to save energy: After a predefined time, Eco Timer automatically switches the monitor into standby mode, reducing power consumption. The power switch, located directly on the monitor, switches the power supply off completely and therefore minimises unnecessary CO₂ emissions as well as costs.

Overdrive

The precalculated Overdrive function accelerates pixel conversion to a level where the changeover time between different hue values is a mere 6 ms on average. Moving images in fast video sequences, games and 3D CAD animations are displayed at a stunning speed and without any annoying delays.

High-precision colour control

Colour temperature control allows the white balance to be adjusted at intervals of 500 between 4,000 and 10,000 K. In addition, the colour saturation (gain) for RGB colours can be configured separately.

FineContrast

This function offers a wide range of display modes with various default settings for brightness, colour temperature and gamma. It offers ideal views for office applications, Internet and images (sRGB) at the push of a button. 'Paper' mode simulates the pleasing contrast and white balance of printed documents. In addition, two user modes are also available for separate settings.

Digital and analogue inputs

One DisplayPort and one DVI-D input enable the connection of a wide variety of digital signals. A D-Sub input is available for analogue signals. Up to three computers can be connected at the same time.

USB hub

An integrated USB hub is provided for the connection of peripheral devices. For example, a keyboard and mouse can be connected to the monitor right on the desk.

ScreenManager Pro for DDC

ScreenManager Pro is used for convenient monitor control using software via the Windows interface as an alternative to the on-screen display. The signal cable is all that is required for connection. It is even possible to link monitor settings to specific applications, for example, switching to sRGB display properties when opening the browser.

Audio-enabled

Loudspeakers and headphone jack are discreetly integrated into the housing.

FlexStand

This enables turning and tilting as well as operation in portrait and landscape format. The continuous height adjustment starts very low near the desk and has a range of 18 centimetres. This guarantees optimal ergonomics, regardless of whether the user is sitting or standing in front of the screen. The FlexStand base is always fully stable, despite its maximum range of movement.



Test marks



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Specifications

Diagonal	58 cm (23 inches) 16:9 aspect ratio
Models (housing colour)	EV2336WFS-GY (light grey) EV2336WFS-BK (black)
Visible image size	510 mm (width) x 287 mm (height)
Visible diagonal	584 mm
Ideal and recommended resolution	1920 pixels x 1080 lines
Dot pitch	0.265 mm x 0.265 mm
Displayed colours	16.7 million
Max. brightness	250 cd/m ² (typical)
Max. dark room contrast	1000:1 (typical)
Max. viewing angle	Horizontal: 178°; vertical: 178°
LCD technology	IPS
Typical mid-tone reaction time	6 ms
Typical response time	16 ms, black-white change
Features	EcoView Sense, Auto EcoView, EcoView Index, EcoView Optimizer, Overdrive, HDCP decoder, FineContrast, On-Screen Display, PowerManager by VESA DPMS, Plug & Play via VESA DDC CI, USB hub, integrated loudspeakers and power supply
Configuration options	Minimum and maximum brightness, contrast, gamma, colour saturation for RGB, colour temperature, clock, phase, image position, resolution, Eco Timer, OSD language (DE, UK, FR, SE, ES, IT) Interpolation
Resolutions	1920 x 1080 full image 1:1, 1680 x 1050, 1280 x 1024, 1024 x 768, 800 x 600, 720 x 400, 640 x 480, enlarged to full image or 1:1
Horizontal frequency	31–81 kHz (digital: 31–68 kHz)
Vertical frequency	55–76 Hz (digital: 59–61 Hz)
Video bandwidth	148.5 MHz (digital: 148.5 MHz)
Graphic signals	DisplayPort, DVI (TMDS), RGB analogue
Signal inputs	DisplayPort, DVI-D and D-Sub
Plug & Play	VESA DDC CI
Power management	VESA DPMS, DVI-DMPM
Power consumption	max.* 47 watts, typically 16 watts, less than 0.3 watts in standby mode, 0 watts when power switch is OFF
Dimensions (WxHxD)	54 cm x (36–51 cm) x 25 cm
Weight	6.3 kg
Test marks	CE, TÜV GS, TÜV certified ergonomics, ISO 9241-307 Class 1, TCO 6 Energy Star
Speakers	Left and right
Audio input	3.5 mm stereo jack
Audio output	3.5 mm stereo jack (for headphones)
Flexibility	172° right/left, 30° to the back, 90° rotatable, 16 cm height adjustment
USB hub	One upstream/two downstream, rev. 2.0
Accessories included	Manual in German, English and French, power and signal cables (DP-DP and DVI-D-DVI-D), ICC colour profile
Service	Five-year on-site replacement service

Errors excepted 09/12

* at maximum brightness, USB hub as well as all signal inputs and speakers in operation



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